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EEur - Germany
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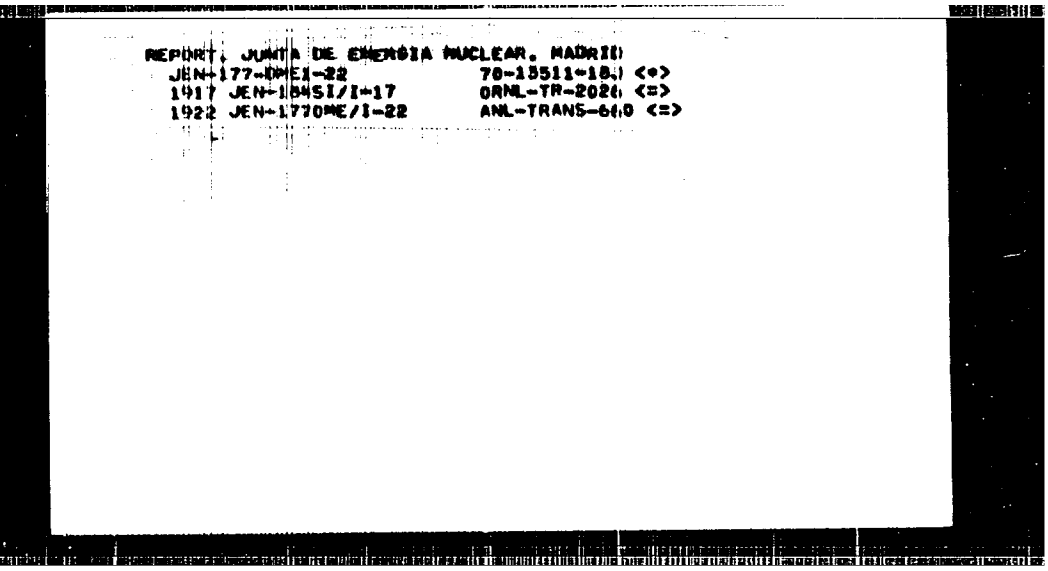

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

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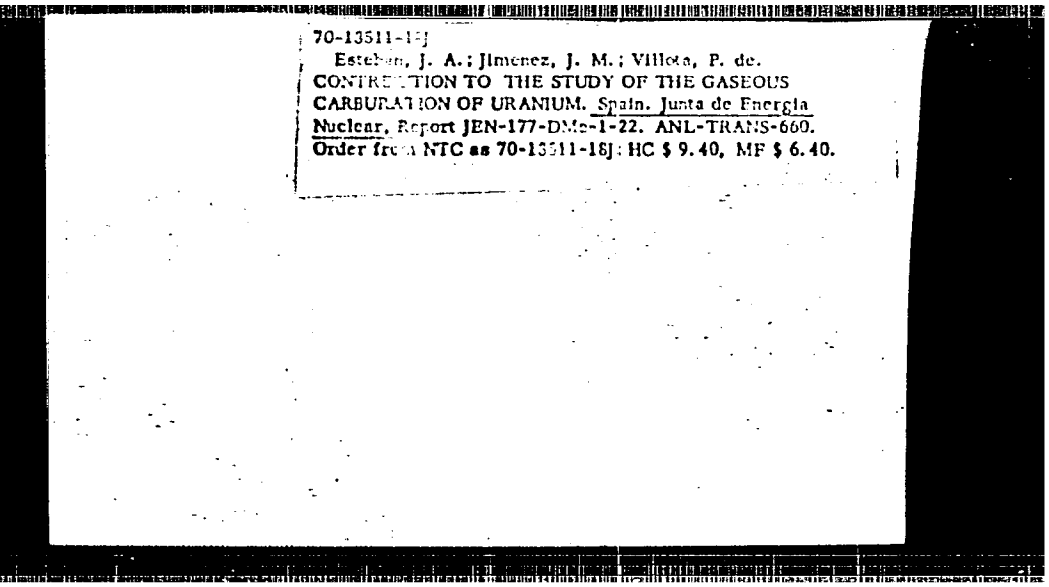

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JPRS 28202

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SLA 60-10835

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GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CIV, 1857, pp 251-287.

SLA 60-10837

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

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Lippmann, E.
SYNTHESIS OF LACTIC ACID. [1962] 4p.
Order from SLA $1.10 62-14235

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1864, v. 129, p. 81-87.

DESCRIPTORS: *Lactic acid, Synthesis, Organic acids, Acids.

(Unannounced)

62-14235

1. Lippmann, E.

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*AEC

Sci - ~~Chem~~

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11p, 12refs.
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GERMAN, per, Justus Liebigs, Annalen der Chemie,
1893, Vol CCLXXII, No 3, pp 271-288.

SLA 60-10317

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GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CCLXXIV, 1893, pp 312-315.

SLA 60-10533

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Schiff, Hugo.
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Order from SLA $1.10 63-14207

Trans. of [Justus Liebigs Annalen der Chemie] (Germany) 1896, v. 291, p. 367-377.

DESCRIPTORS: *Urea derivatives, Benzyl radicals, Carbamyl radicals, Amines, Synthesis (Chemistry), Methyl radicals, Ethyl radicals, *Cyanuric acid, Urea, Carbonic acids, Ethers, Carbamyl radicals, Chlorides.

(Chemistry--Organic, TT, v. 10, no. 4)

63-14207

1. Title: Biuret compounds
I. Schiff, H.
II. Title: Benzal ...

Office of Technical Services

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GERMAN, per, partial trans, Justus Liebigs, Annalen der Chemie, 1899, Vol CCCVIII, pp 333-343.

SLA 59-20275

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Vorländer, D. and Schilling, R. v.
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Order from SLA $1. 10 61-20035

Trans. of Justus Liebigs Annalen der Chemie (Germany) 1900, v. 310, p. 369-380.

DESCRIPTORS: Perchloric acid, Anhydrides, Preparation, Sulfuric acid, Perchlorates, Potassium compounds, Chemical reactions.

(Unannounced)

61-20035

I. Vorländer, D.
II. Schilling, R. v.

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GERMAN, per, Partial Trans, Justus Liebigs Annalen der Chemie, 1901, Vol CCCXV, No 1, pp 104-137

SLA 60-10559

Sci
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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

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Manchot, W. and Herzog, J.
THE AUTOXIDATION OF HYDRAZOBENZENE.
[1963] 12p. 3 refs.
Order from SLA $1.10 63-16023

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1901, v. 316, p. 331-332.

DESCRIPTORS: *Hydrazines, *Phenyl radicals, Oxidation, Hydrogen compounds, *Peroxides, *Azo radicals.

(Chemistry--Organic, TT, v. 10, no. 7)

63-16023

1. Title: 1,2-Diphenylhydrazine
I. Manchot, W.
II. Herzog, J.

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CFSTI TT-64-18894.

322,331

Sci - Chemistry
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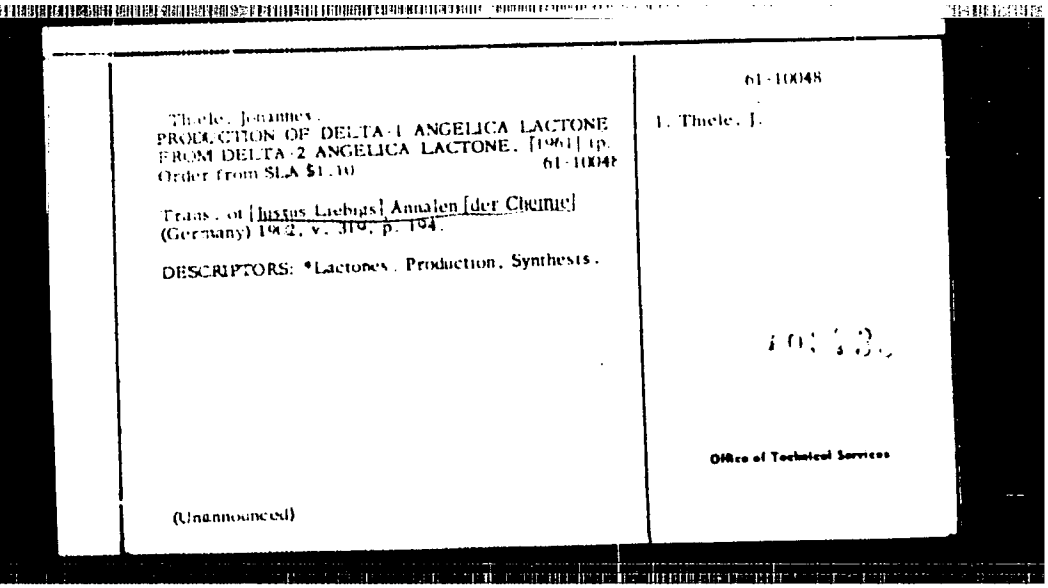

Thiele, Johannes.
PRODUCTION OF DELTA-1 ANGELICA LACTONE FROM DELTA-2 ANGELICA LACTONE. [1961] 4p.
Order from SLA $1.00 61-10048

Trans. of [Justus Liebigs] Annalen [der Chemie] (Germany) 1902, v. 319, p. 194.

DESCRIPTORS: *Lactones, Production, Synthesis.

(Unannounced)

61-10048

1. Thiele, J.

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Mittheilung aus dem Anorganisch-Chemischen Laboratorium der Konigl, Technischen Hoshschule zu Munchen, II. Ueber einige Legirungen des Cers und des Lanthans, by W. Mughmann, H. Beck.

GERMAN, per, Justus Liebig's Annalen der Chemie, Vol CCCXXXI, 1904, pp 46-57.

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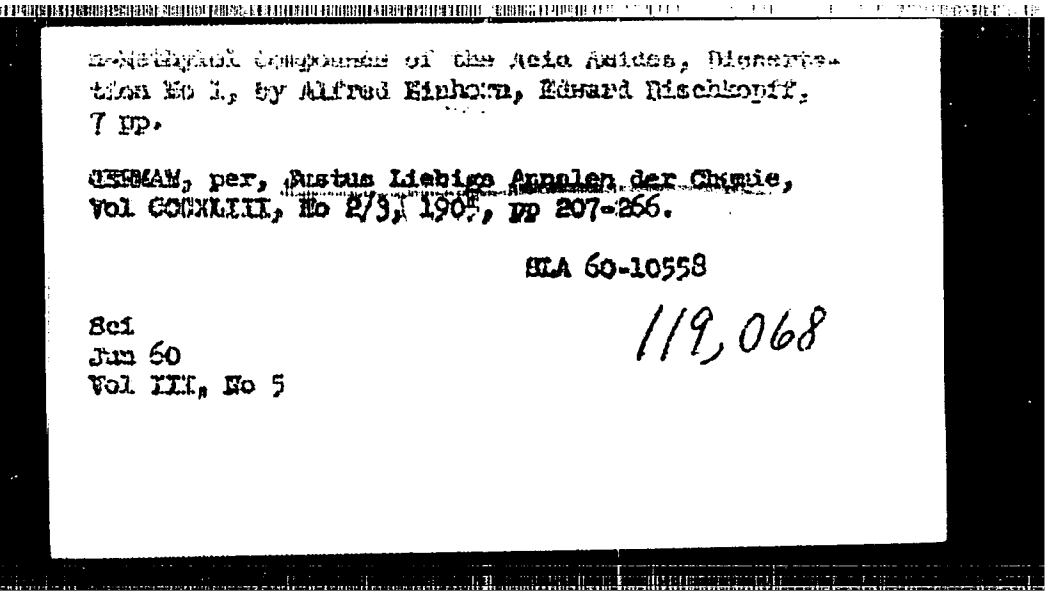

Methylene Compounds of the Keto Amides, Dissertation No 1., by Alfred Einhorn, Eduard Mischkopff, 7 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CCCXLIII, No 2/3, 1905, pp 207-266.

BLA 60-10558

119,068

Sci
Jun 60
Vol III, No 5

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

On the Carbomethoxy-Derivatives of Phenol-Carboxylic Acids and Their Use for Syntheses, IV, by Emil Fischer, Karl Freudenberg, 38 pp.

GERMAN, Justus Liebigs Annalen der Chemie, Vol CCCLXXI, No 3, 1910, pp 32-68.

SLA 60-10775

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Sep 60

126,868

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Concerning the Quaternary of the Alkylidenecamines and a General Method Alkylating Primary Amines to Secondary Amines, by H. Decker, P. Becker, 7 pp.

GERMAN, Ber, Justus Liebigs Ann Chem, Col CCCXCV, 1913, pp 362-377.

SLA Tr 2926

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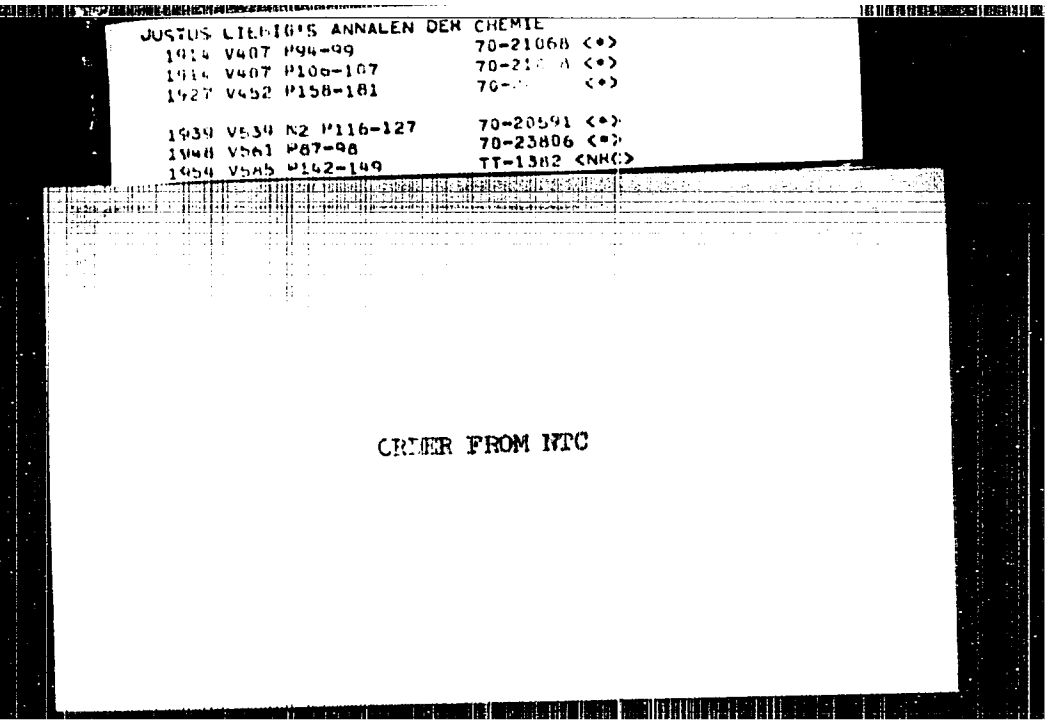
APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9



APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Auwers, K. and Ziegler, K.
HYDROCARBONS OF THE SEMIBENZENE GROUP. I. CARBOXYLIC ACIDS OF THE SEMIBENZENE GROUP. II. CHLORO- AND BROMODERIVATIVES OF ALKYLATED CYCLOHEXADIENONES. III. [1961] 57p. (figs. tables, refs. omitted).
Order from SLA $5.60 62-10113

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1921, v. 425, p. 217-313.

DESCRIPTORS: Hydrocarbons, Benzenes, Carboxylic acids, Cyclohexenones, Alkyl radicals, Chlorides, Bromides.

(Unannounced)

62-10113

I. Auwers, K.
II. Ziegler, K.
III. Title: Carboxylic . .
IV. Title: Chloro- .

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

TT-64-14284

Hahn, Otto,
THE EMANATING CAPACITY OF FINELY-DIVIDED PRECIPITATES AS A MEANS FOR STUDYING SURFACE CHANGES. [1963] [15p] (figs refs omitted) 1 ref
Order from SLA $1.60 TT-64-14284

Trans. of Justus Liebig's Ann[alen] der Chemie (Germany) 1924, v. 440, p. 121-139.

DESCRIPTORS: *Gels, *Surface properties, Diffusion, Radon, Nickel compounds, Hydroxides, Iron compounds, Alcohols.

(Chemistry--Physical, TT, v. 11, no. 10)

1. Hahn, O.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

The Increase of Ionization Ability of Weak Electrolytes by Complex Formation and Its Significance for Catalytic Processes, H. Meerwein.
FRENCH, per, Justus Liebig's Annalen der Chemie, Vol 455, 1927, pp. 227-53.
NTC69-Io713-07D

Sci-Chem
July 69

386,727

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Benzonitrile and Malonitrile Condensation: II, by
Rudolf Schenck, H. Finkam, 13 pp.

GERMAN, per, Justus Liebigs Ann der Chemie,
Vol CDLXII, 1928, pp 267-277.

SLA 59-15937

Sci
Dec 59
Vol 2, No 5

103,522

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Ziegler, K[arl] Crossmann, F., Kleinger, H., and Schafer, O.
REACTIONS BETWEEN UNSATURATED HYDROCARBONS AND ALKALI METAL ALKYLS. Pt. 1 of [Research on Alkali Organic Compounds]. [1963] 48p (figs omitted)
Order from K-H $48.00 K-H-3559-a

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1929, v. 475, p. 1-35.

DESCRIPTORS: *Alkyl radicals, *Alkali metal compounds, *Hydrocarbons, Chemical reactions

(Chemistry--Organic, TT, v. 10, no. 12)

63-22839

I. Ziegler, K.
II. Crossmann, F.
III. Kleinger, H.
IV. Schafer, O.
V. Title: Research...
VI. K-H-3559-a
VII. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Ziegler, K[arl] and Kleiner, M.
POLYMERIZATION OF UNSATURATED HYDROCARBONS UNDER THE INFLUENCE OF ALKALI METALS AND ALKALI METAL ALKYLS. Pt. 3 of [Research on Alkali Organic Compounds]. [1963] 37p (figs omitted)
Order from K-H $37.00 K-H 3559 b

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1929, v. 473, p. 57-82.

DESCRIPTORS: *Alkyl radicals, *Alkali metals, *Hydrocarbons, Polymerization

(Chemistry--Organic, TT, v. 11, no. 1)

TT-63-22832

I. Ziegler, K.
II. Kleiner, M.
III. K-H-3559-b
IV. Kreage-Hooker Science Library Associates, Ketroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Investigations of Metal Alcoholates and Ortho Acid Esters, Part I. Alkoxo Acids and Their Salts, by T. Bersin, H. Meerwein. FRENCH, per, Justus Liebig's Annalen der Chemie, Vol 476, 1929, p. 113-50
NTC 69-10712

Sci-Chem
July 69

386,708

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Meerwein, Hans and Bersin, Theodor.
INVESTIGATIONS CONCERNING METAL ALCOHOLATES AND ORTHO ACID ESTERS. I. ALKOXO ACIDS AND THEIR SALTS. [1963] [34]p. 37 refs.
Order from SLA $3.60 63-18255

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1929, v. 476, p. 113-150.

DESCRIPTORS: *Esters, *Metalorganic compounds, *Alkoxy radicals, *Alkali metal compounds, *Alkyl radicals, Hydroxyl radicals, Methyl radicals, Propyl radicals, Ethyl radicals, Organic acids.

(Chemistry--Organic, TT, v. 10, no. 12)

63-18255

1. Title: Alcoholates
2. Title: Alkoxo acids
I. Meerwein, H.
II. Bersin, T.
III. Title: Alkoxo . . .

Off of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Electrolytic Nature of Some Alkali Organic Compounds. Part IV. Research on Alkali Organic Compounds, by K. Ziegler, H. Wollschitt, 17 pp.
GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CCCCLXXIX, 1930, pp 123-134.
K-H 3456 c

TT-64-[illegible]

Sci-Chem
March 64

252,071

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

FRANKE, W. Simple and complex ferro-compounds of carboxylic acid.
Justus Liebigs Annaln Chem. 491:30-51 (1931)
(AAEC LIB/TRANS 242)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Synthesen in the Hydroaromatic Series, by
Kurt Alder, Otto Diels, 9 pp.

GERMAN, Ex per, Justus Liebigs Annalen der
Chemie, Vol CDXC, 1931, pp 236-242.

US Dept of Commerce
Patent Office Sci Lib (Gift)

44,209

Sci - Engineering
Chemistry
Dec 56 CTS

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Lettre, H.
ADDITION COMPOUNDS AND MIXED CRYSTALS IN THE STEROL SERIES. [13 Jan 53] 10p (figs formulae refs omitted)
Order from SLA $1.10 TT-64-14767

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1932, v. 495, p. 41-60.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14767

I. Lettre, H.

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

The Occurrence of Chlorophyll Derivatives in an Oil Shale From the Upper Triassic, by A. Treibs.

GERMAN, per, Justus Liebigs' Annalen der Chemie, Vol DIX, Leipzig, 1934, pp 103-114.

S 1,241

Dept of Interior
Bu of Mines
Petroleum Exper Sta Lib
Bartlesville, Okla.
Tr 63
ATS 87J17G
ATS 113-GJ

Sci
May 59

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Ziegler, K[arl] Dersch, F., and Wollthan, H.
THE MECHANISM OF THE POLYMERIZATION OF UNSATURATED HYDROCARBONS BY ALKALI METALS AND ALKALI ALKYLS. Pt. 9 of [Research on Alkali Organic Compounds]. [1963] 50p (figs omitted)
Order from K-H $50.00 K-H-3456-f

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) [1934] v. 511, p. 13-44.

DESCRIPTORS: *Alkyl radicals, *Alkali metal compounds, *Hydrocarbons, Polymerization

(Chemistry--Organic, TT, v. 10, no. 12)

63-22840

I. Ziegler, K.
II. Dersch, F.
III. Wollthan, H.
IV. Title: Research...
V. K-H-3456-f
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Ziegler, K., Jakob, L., Wolthan, H., and Wenz, A. THE FIRST PRODUCTS OF THE ACTION OF ALKALI METALS ON BUTADIENE. [1963] 30p 13refs
Order from SLA $2.60 TT-64-10117

Trans. of [Justus Liebigs] Annalen [der Chemie] (Germany) 1934, v. 511, p. 64-88.
Another trans. is available from SLA as AL-844, 30p.

DESCRIPTORS: *Butadienes, *Alkali metals, Chemical reactions, Hydrocarbons.

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10117

I. Ziegler, K.
II. Jakob, L.
III. Wolthan, H.
IV. Wenz, A.
V. SLA-AL-844

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Staudinger, H. and Dreher, E.
ON THE CONSTITUTION OF POLYPROPENYL-BENZENE AND ITS DERIVATIVES. Communication 110 on High Polymeric Compounds. [1963] 39p (formulae omitted) 49refs
Order from SLA $3.60 TT-63-18953

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) [1935] v. 517, p. 73-104.

DESCRIPTORS: *Phenolic plastics, *Styrene plastics, Viscosity, Molecular weight, Phenyl radicals, Benzenes, Polymerization, Colloids, Physical properties.

(Materials--Plastics, TT, v. 11, no. 2)

TT-63-18953

1. Title: Polypropenyl-benzene
I. Staudinger, H.
II. Dreher, E.
III. Title: High...
IV. Title: Macromolecular compounds

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Ziegler, K., Häffner, F., and Grimm, H.
STEREOCHEMICAL STUDIES. II. cis-1, 2-DIMETHYLETHYLENE FROM BUTADIENE-(1, 3). [1963]
20p 25refs
Order from SLA $1.60 TT-64-10118

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1937, v. 528, p. 101-113.
Another trans. is available from SLA as AL-842, 20p

DESCRIPTORS: *Stereochemistry, *Butenes, Ethylene derivatives, Methyl radicals, Synthesis (Chemistry), *Butadienes, Hydrogenation, Catalysts Metalorganic compounds, *Ziegler catalysts.

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10118

I. Ziegler, K.
II. Häffner, F.
III. Grimm, H.
IV. Title: cis-1, 2-Dimethylethylene ...
V. SLA-AL-842

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Cyanic Acid and Sulfuric Acid Cyanic Acid, II, by Martin Linhard, 18p.
GERMAN, per, Justus Liebigs Annalen der Chemie, Vol 535, 1938, pp 267-284.
BLA 11-54-2076

332, 284

Sci
Jul 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Huckel, Walter and Bretschneider, Horst.
REACTIONS OF UNSATURATED AND POLYNUCLEAR AROMATIC HYDROCARBONS WITH Na AND Ca IN LIQUID NH_3. [1963] 46p 27refs
Order from SLA $4.60 TT-64-10142

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1939, v. 540, p. 157-189.
Another trans. is available from SLA as I-267, 46p.

DESCRIPTORS: *Hydrocarbons, *Sodium compounds, *Calcium compounds, Solubility, *Ammonia, Liquids, Chemical reactions, Naphthalenes, Benzine derivatives.

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10142

I. Huckel, W.
II. Bretschneider, H.
III. SLA-I-267

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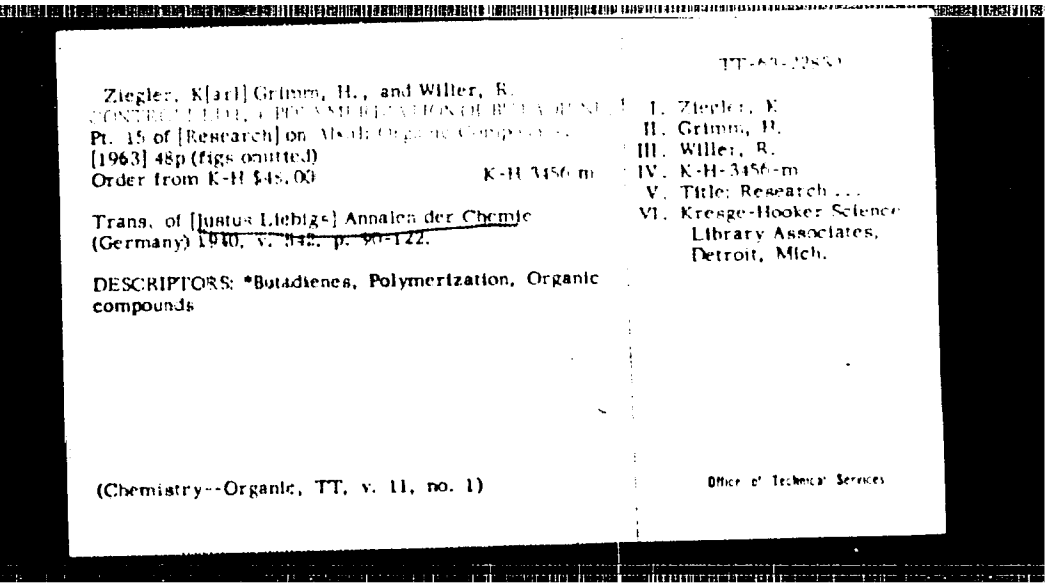

Ziegler, K[arl] Grimm, H., and Willer, R.
[illegible]
Pt. 15 of [Research] on [illegible]
[1963] 48p (figs omitted)
Order from K-H $45.00 K-H 3456-m

Trans. of [Justus Liebig's] Annalen der Chemie (Germany) 1940, v. 543, p. 90-122.

DESCRIPTORS: *Butadienes, Polymerization, Organic compounds

(Chemistry--Organic, TT, v. 11, no. 1)

TT-63-12853

I. Ziegler, K
II. Grimm, H.
III. Willer, R.
IV. K-H-3456-m
V. Title: Research ...
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Schmitt, Josef.
SYNTHESIS IN THE CAROTENOID SERIES. I. A NEW METHOD FOR THE PREPARATION OF HEXATRIENES. [1964] 12p (figs omitted) 8refs
Order from SLA $1.60 TT-64-14017

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1941, v. 547 [no. 2] p. 103-115.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14017

I. Schmitt, J.
II. Title: New . . .

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

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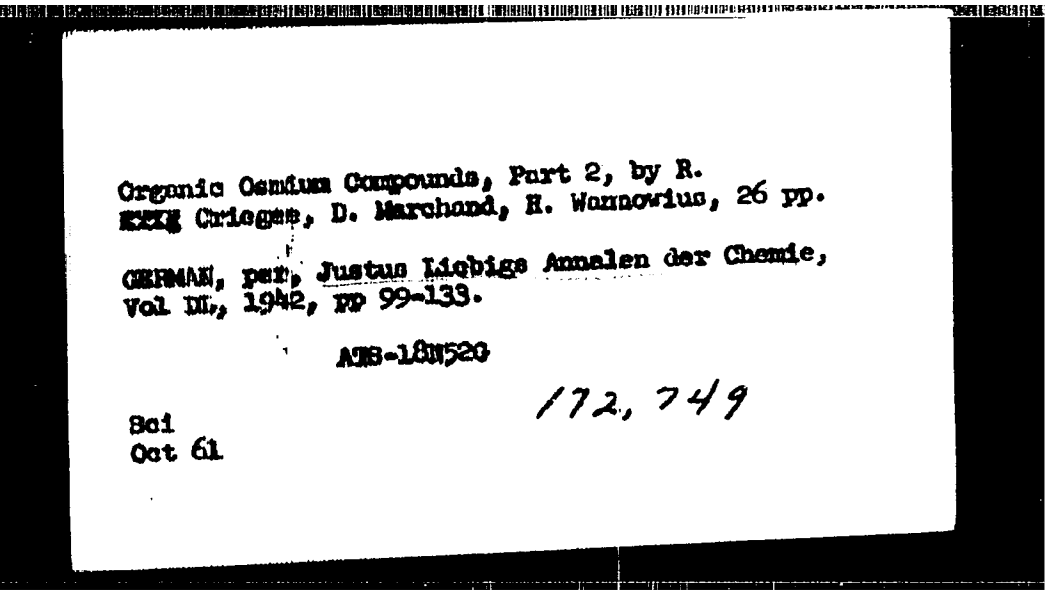

Organic Osmium Compounds, Part 2, by R. Criegee, D. Marchand, H. Wannowius, 26 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol LI, 1942, pp 99-139.

AMB-180520

172, 749

Sci
Oct 61

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

The Halogenation of Unsaturated Substances in the Allyl Position, by K. Ziegler, A. Spath, 2 p.

GERMAN, per, Partial trans, Justus Liebig's Ann der Chemie, 1942, Vol DLI, No 1-3, pp 80-119.

SLA 60-10557

Sci
May 60
Vol 3, No 4

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Siedel, Walter and Winkler, Fritz.
DI-OPSOPYRRO-QUINONE. [1963] 7p 6refs
Order from SLA $1.10 TT-64-14766

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1963, v. 554, p. 201-212.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14766

I. Siedel, W.
II. Winkler, F.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Borsh, Walther and Ried, Walter.
THE SYNTHESIS OF QUINOLINE WITH 2-AMINO-BENZAL-4-TOLUIDINE. [1963] 16p 8refs
Order from SLA $1.60 TT-64-14765

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1943, v. 554, p. 269-290.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14765

I. Borsh, W.
II. Ried, W.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Heyns, Kurt.
OXIDATIVE TRANSFORMATIONS ON CARBOHYDRATES
I. DETERMINATION OF 1-SORBOSE IN PRESENCE
OF 2-KETO-1-GULONIC ACID. [1964] 10p
Order from K-H $6.00 K-H-2950-c

Trans. of [Justus] Liebigs Ann[alen der] Chem[ie]
(Germany) v. 558, p. 171-177.

(Biological Sciences--Biochemistry, TT, v. 12, no. 1)

TT-64-12879

I. Heyns, K.
II. Title: Determination...
III. K-H-2950-c
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

The Study of Aliphatic Carbodiimides, Part IV, by E. Schmidt, W. Striewsky.

GERMAN, per, Justus Liebigs Ann Chem, Vol DLX, 1948, pp 222-231.

SLA 58-604

Sci

Aug 59

95, 111

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Monoisocyanates and Polyisocyanates, by Werner Siefken, 69 pp.

Germnn, ptr, Justus Liebigs Annal der Chem, Vol DLXII, No 2, 1949, pp 75-109.

SLA 59-15983

Sci
Dec 59
Vol 2, No 5

104,264

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Report on Polyurethanes. Part V. Low Molecular Reaction Products of Aliphatic Diisocyanates, by S. Petersen.
GERMAN, per, Justus Liebig's Annalen der Chemie, Vol 562, 1949, pp 205-229.
NTC-71-10058-07C

Nov 71

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Addition Compounds of Urea With Aliphatic Compounds, by W. Chlenk.

GERMAN, per, Justus Liebig's Annalen Der Chemie, Vol DLXV, 1949, pp 204-240.

C.S.I.R.O.

Sci

May 60

115,742

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Ziegler, K[arl] and Gellert, H. G.
REACTIONS BETWEEN LITHIUM ALKYLS AND ETHERS. [1963] 11p (figs omitted) 5refs
Order from SLA $1.60 63-18952

Partial trans. (p. 185-190) of [Justus] Liebigs Ann[alen der Chemie] (West Germany) 1950, v. 567, p. 185-195.

DESCRIPTORS: *Ethers, *Alkyl radicals, *Lithium compounds, Decomposition, Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 12)

63-18952

I. Ziegler, K.
II. Gellert, H. G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

On the Conversion of Formaldehyde to Carbohydrates, by R. Mayer.
GERMAN, per, Justus Liebig's Annalen der Chemie, Vol 635, 1960, pp 145-153
NTC 72-11715-07C

June 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Ziegler, K[arl] and Gellert, H. G.
ADDITION OF LITHIUM ALKYLS TO ETHYLENE.
[1963] 18p (figs omitted) 18refs
Order from SLA $1.60 63-18956

Trans. of [Justus Liebigs] Ann[alen der Chemie]
(West Germany) 1950, v. 567, p. 195-203.

DESCRIPTORS: *Ethylenes, *Alkyl radicals, *Lithium compounds, Additives, Pyrolysis, Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 12)

63-18956

I. Ziegler, K.
II. Gellert, H. G.

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Investigations on the Formation of Nitrites, by Peter Kurtz, 85 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol DLXXII, No 1, 1951, pp 23-82.

SLA 60-16381

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1, 4-Dicyano-2-Butene, by H. -F. Piepenbrink, 18 p.

GERMAN, pub, Justus Liebigs Annalen der Chemie 1952, Vol DLXXII, pp 83-95.

SLA 60-10151

Sol
Apr 60
Vol III, No 3

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TT-65-14034 Field 7C

Schlenk, W., Jr.
THE THIOUREA ADDITION OF ORGANIC COMPOUNDS.
27p, 13refs.
Order from SLA: $2.60 as TT-65-14034

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v573 n2 p142-62 1951.

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The Behavior of the Diphenylmetals as Complex Formers, by Georg Wittig, FriedrichJ. Meyer, Lunter Lange, 55pp
GERMAN, per, Justus Liebigs Annalen der [redacted] Chemie, Vol 571, 1951, No 3, pp 167-[redacted] 201
SLA TT-65-10085

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June 67 328,967

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On the Ethyl Ester Mixture of the Tetrameric Metaphosphoric Acids, by Rudi Raetz, Erich Thilo, 21 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol DLXXII, No 3, pp 173-189.

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38,550

Sci - Chemistry
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Lynen, F., Reichert, B., and Rueff, L.
ON THE BIOLOGICAL DECOMPOSITION OF ACETIC ACID. VI. ACTIVATED ACETIC ACID, ITS ISOLATION FROM YEAST AND ITS CHEMICAL NATURE
[1963] 11p 5refs
Order from SLA $1.60 TT-63-20535

Partial trans. (p. 24-32) of [Justus Liebigs] Annalen der Chemie] (West Germany) 1951, v. 574, p. 1-32.

DESCRIPTORS: *Yeasts, *Acetic acid, Enzymes, Decomposition, Quantitative analysis, Acetylation, Chemical properties, Biochemistry.

(Biological Sciences--Biochemistry, TT, v. 11, no. 3)

TT-63-20535

I. Lynen, F.
III. Reichert, B.
III. Rueff, L.
V. Title: Activated ...

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Schlubach, Hans Heinrich and Franzen, Volker. RESEARCHES ON ACETYLENES. VI. THE REACTION OF ACETYLENES WITH PERACIDS: ACETYLENE OXIDES. [1963] 11p. 7 refs. Order from SLA $1.60 63-18455

Trans. of Justus Liebigs Annalen der Chemie (West Germany) 1952, v. 577, p. 60-68.

DESCRIPTORS: *Acetylene, *Acetylene derivatives, *Oxides, Addition reactions, Organic acids, Carboxylic acids.

It is shown that the primary stage in the action of peracids upon acetylenes is the addition of 1 atom of oxygen, as with the ethylenes. But whereas in the latter the reaction comes to a stop with the ethylene oxides that are formed, the acetylene oxides produced from former compounds readily add more oxygen, with
(Chemistry--Organic, TT, v. 10, no. 12) (over)

63-18455

I. Title: Acetylene oxides
I. Schlubach, H. H.
II. Franzen, V.
III. Title: Reaction...
IV. Title: Acetylene...

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Preparation and Properties of Derivatives of N-Vinylcarbamic Acid, by Artur Seher, 9 p.

GERMAN, per, Justus Liebigs Ann, 1952, Vol DLXXV, No 3, pp 153-161.

SLA 59-17051

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Jan 60
Vol 2, No 8

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

TT-64-10762

Wieland, Theodor and Bokelmann, Ekkehart.
THE BEHAVIOR OF SOME S-ACYL-AMINOMERCAPTANS. [1964] 7p
Order from SLA $1.10 TT-64-10762

Partial trans. (p. 20-27) of [Justus Liebigs Annalen der Chemie] (West Germany) 1952, v. 576, p. 20-27.

I. Wieland, T.
II. Bokelmann, E.

(Chemistry--Organic, TT, v. 12, no. 2)

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Synthesis of Some Simple Sulfoxides and Sulfones, by Siegfried Hunig, Otto Boes, 10 pp.

GERMAN, per, Justus Leibigs Annalen der Chemie, Vol DLXXIII, 1953, pp 23-27.

SLA 60-16880

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401190022-9

Graf, Roderich.
THE REACTION MECHANISM OF SULFOXIDATION.
[1963] 65p (figs. omitted) 32refs
Order from SLA $6.60 63-18685

Trans. of Justus Liebigs Annalen der Chemie (West Germany) 1932; v. 571, p. 50-82.

DESCRIPTORS: *Cyclohexanes, Sulfoxides, Iodine, *Sulfonic acids, *Sulfuration, *Oxidation, Ultraviolet radiation, Organic acids, Peroxides, Chemical reactions.

Topics include: cyclohexanepersulfonic acid as primary stage of the sulfoxidation; the secondary reactions; sulfoxidation in presence of other reactants; and, chain reactions released by acetylcyclohexanesulfonyl peroxide.

(Chemistry--Organic, TT, v. 10, no. 10)

63-18685

I. Graf, R.

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Photochemical Reactions II. The Unsensitized and Photosensitized Autoxidation of Furans, by Guenther O. Schenck, 49 pp.

GERMAN, per, Justus Liebigs Annal der Chemie, Vol DLXXXIV, No 2-3, 1953, pp 156-176.

SLA 59-15908

Soi
Dec 59
Vol 2, No 5

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